

DUPLICATE

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 015739-4

10/531,769

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Konstantin Aleksandrovich SHESTIBRATOV et al.

FILING DATE

GROUP

DECEMBER 14, 2005

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|---|---------|---------|-------------|----|
| | | | | | YES | NO |
| | AA | 97109836 | 05/1999 | RU | X | |
| OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.) | | | | | | |
| | AB | Partial English Translation of RU 97109836 dated May 10, 1999 | | | | |
| | AC | Morozova T. "Genetic Stability of Pure Lines of <i>Fragaria Vesca</i> L. in Micropropagation and Long-Term Storage in Vitro." <i>ISHS Acta Horticulturae</i> 567: IV International Strawberry Symposium 2002. | | | | |
| | AD | Mussinan C., et al. "Organic Acids and Fresh California Strawberries." <i>J. Agric. Food Chem.</i> (1975) Vol. 23, No. 3, pp 482-484 | | | | |
| | AE | Murashige, T., et al. "A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures." <i>Physiologia Plantarum</i> (1962) Vol. 15, pp 472-496 | | | | |
| | AF | Olhoft, P.M., et al. "The Role of Thiol Compounds in Increasing Agrobacterium-Mediated Transformation of Soybean Cotyledonary-Node Cells." <i>Plant Cell Reports</i> (2001) Vol. 20, pp 731-737 | | | | |
| | AG | Perl, A., et al. "Establishment of an Agrobacterium-Mediated Transformation System for Grape (<i>Vitis vinifera</i> L.): The Role of Antioxidants during Grape-Agrobacterium Interactions." <i>Nature Biotechnology</i> (1996) Vol. 14, pp 624-628 | | | | |
| | AH | Roberts, W., et al. "Zeamatin, an Antifungal Protein from Maize with Membrane-Permeabilizing Activity." <i>Journal of General Microbiology</i> (1990) Vol. 136, pp 1771-1778 | | | | |
| | AI | Rogers, S., et al. "Extraction of Total Cellular DNA from Plants, Algae and Fungi." <i>Plant Molecular Biology Manual D1</i> (1994) p 1-8 | | | | |
| | AJ | Schestibratov, K., et al. "Plant Regeneration from Excised Cotyledons of <i>Pinus Radiata</i> ." <i>European Tissue Culture Society</i> (2001) 43 rd International Meeting, PW3-09 | | | | |
| | AK | Schestibratov, K., et al. "Molecular Breeding of Strawberry cv Firework for Enhanced Disease Resistance and Taste Improvement by Introduction of <i>tha11</i> and <i>rs-afp3</i> Genes." <i>Agricultural Biotechnology International Conference ABIC</i> (2002) | | | | |
| | AL | Stintzi, A., et al. "Plant 'pathogenesis-related' Proteins and Their Role in Defense Against Pathogens." <i>Biochimie</i> (1993) Vol. 75, pp 687-706 | | | | |
| | AM | Sutter, E., et al. "Direct Regeneration of Strawberry (<i>Fragaria X Ananassa</i> DUCH.) from Leaf Disks." <i>Hort. Biotech. In Vitro Cult. and Breeding</i> (1997) pp 243-245 | | | | |
| | AN | Szwacka, M., et al. "Variable Properties of Transgenic Cucumber Plants Containing the Thaumatin II Gene from <i>Thaumatococcus daniellii</i> ." <i>ACTA Physiologiae Plantarum</i> (2002) Vol. 24, No. 2, pp 173-185 | | | | |
| | AO | Dreipera, D. et al. "Direct Regeneration of Transformed Plants: Transformation of Tobacco Leaf Disks" <i>Plant Genetic Transformation and Gene Expression. A Laboratory Manual "Mir"</i> (1991) pp 119-130 | | | | |
| | AP | VINITI Database. Revenkova, E.V. et al. "Development of a New vector System Based on Agrobacterium Tumefaciens A281 Strain" <i>Genetic Engineering of Plants</i> (1994) Abstract | | | | |

EXAMINER /Medina Ibrahim/

DATE CONSIDERED 01/03/2011

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| EXAMINER INITIALS | REFERENCE DESIGNATION | DOCUMENT NUMBER | DATE | NAME | FILING DATE IF APPROPRIATE |
|-------------------|-----------------------|-----------------|---------|----------------|----------------------------|
| | AA | 6,274,791 | 08/2001 | Dhir et al. | |
| | AB | 5,750,870 | 05/1998 | Mathews et al. | |
| | AC | 6,162,965 | 12/2000 | Hansen | |
| | AD | 5,856,154 | 01/1999 | Ryals et al. | |
| | AE | 4,801,545 | 01/1989 | Stuart et al. | |
| | AF | 4,891,316 | 01/1990 | Verrips et al. | |
| | AG | 2002/0004944 | 01/2002 | Baker et al. | |

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|--|-----------------|-----------|---------|-------------|----|
| | | | | YES | NO |
| | AH | 0 307 841 | 03/1989 | EP | |

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

| | |
|----|--|
| AI | Nehra, N., et al. "Genetic Transformation of Strawberry by Agrobacterium Tumefaciens Using a Leaf Disk Regeneration System." <i>Planet Cell Reports</i> (1990) Vol. 9, pp 293-298 |
| AJ | James, D., et al. "Agrobacterium-Mediated Transformation of the Cultivated Strawberry (<i>Fragaria x Ananassa</i> Duch.) Using Disarmed Binary Vectors." <i>Plant Science</i> (1990) Vol. 69, pp 79-94 |
| AK | Abad, L., et al. "Antifungal Activity of Tobacco Osmotin Has Specificity and Involves Plasma Membrane Permeabilization." <i>Plant Science</i> (1996) Vol. 118, pp 11-23 |
| AL | de Mesa, M., et al. "Agrobacterium Cells as Microprojectile Coating: A Novel Approach to Enhance Stable Transformation Rates in Strawberry." <i>Aus. J. Plant Physio.</i> (2000) Vol. 27, pp 1093-1100 |
| AM | Dolgov, S.V., et al. "Expression of Thaumatin II Gene in Horticultural Crops." <i>Genetics and Breeding for Crop Quality and Resistance</i> (1999) pp 165-172 |
| AN | du Plessis, H., et al. "Efficient Genetic Transformation of Strawberry (<i>Fragaria x Ananassa</i> Duch.) Cultivar Selekt." <i>Hort. Biotech. In Vitro Cult. and Breeding</i> (1997) pp 289-293 |
| AO | Edens, L., et al. "Cloning of cDNA Encoding the Sweet-Tasting Plant Protein Thaumatin and its Expression in <i>Escherichia Coli</i> ." <i>Gene</i> (1982) Vol. 18, p 1-12 |
| AP | Humara, J.M., et al. "Agrobacterium Tumefaciens-Mediated Transformation of <i>Pinus Pine</i> L. Cotyledons: An Assessment of Factors Influencing the Efficiency of uidA Gene Transfer." <i>Plant Cell Reports</i> (1999) Vol. 19, pp 51-58 |
| AQ | Linthorst, H., et al. "Constitutive Expression of Pathogenesis-Related Proteins PR-1, GRP, and PR-S in Tobacco Has No Effect on Virus Infection." <i>The Plant Cell</i> (1989) Vol. 1, pp 285-291 |
| AR | Maniatis, T., et al. "Molecular Cloning: A Laboratory Manual" <i>Cold Spring Harbor Laboratory</i> (1982) pp 1.19 - 1.29 |
| AS | Marcotrigiano M., et al. "Histogenic Instability in Tissue Culture-Proliferated Strawberry Plants." <i>J. Amer. Soc. Hort. Sci.</i> (1987) Vol. 112, No. 3, pp 583-587 |

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